



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

CHOW et al.

Atty. Ref.: 839-1566

Serial No. 10/020,588

Group: 2863

Filed: October 30, 2001

Examiner: Bhat

For: METHODS AND SYSTEMS FOR PERFORMING  
INTEGRATED ANALYSES, SUCH AS INTEGRATED  
ANALYSES FOR GAS TURBINE POWER PLANTS

\* \* \* \* \*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 30024** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

I also authorize Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

**Certificate Under 37 C.F.R. §3.73(b)**

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached and/or recorded at the United States Patent Office on July 30, 2002 at reel 013134, frame 0301.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**GENERAL ELECTRIC COMPANY**

Sept 1 2004      By: [Signature]  
Date                      Name: Ernest G. Cusick  
                                 Title: Patent Counsel

**COPY**

243768041US

(25MB-0047)

**ASSIGNMENT**

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, Cedric Chow of 85-17A Eliot Avenue, Rego Park, New York 11374, Kelly Crotty of 117 Sandpiper Lane, Greenville, South Carolina 29607, John Drohan of 110 Wilder Court, Greer, South Carolina 29650, James Fehlberg of 112 West Okaloosa Way, Simpsonville, South Carolina 29680-6359, Arlie Russell Martin of 16 Stonewater Drive, Simpsonville, South Carolina 29680, Thad Morton of 105 Roper Mtn. Ct., Greenville, South Carolina 29615, Todd Nemec of 23D Meadowbrook Ct., Guilderland, New York 12084, David Pesetsky of 9 Breckenridge Ct., Greenville, South Carolina 29615, Robert Russell Priestley of 28 Garrison Lane, Ballston Lake, New York 12019 and Ming Zhou of 295 Main Street, #22, Reading, Massachusetts 01867, sell and assign to General Electric Company, a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in METHODS AND SYSTEMS FOR PERFORMING INTEGRATED ANALYSES, SUCH AS INTEGRATED ANALYSES FOR GAS TURBINE POWER PLANTS invented by us, as described in the application for United States Patent filed on October 30, 2001 as Application No. 10/020,588; and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said General Electric Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

June 2, 2002

Cedric Chow

STATE OF New York )  
 ) ss:  
COUNTY OF Queens )

This 2<sup>nd</sup> day of June, 2002, before me personally came the above-named Cedric Chow, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Notary Public Witness  
My Commission Expires: \_\_\_\_\_



5-14-02

, 2001

Date

John Drohan

*John Drohan*

STATE OF South Carolina )

) ss:

COUNTY OF Greenville )



This 14<sup>th</sup> day of May, 2002, before me personally came the above-named John Drohan, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

*Evelyn Allen*

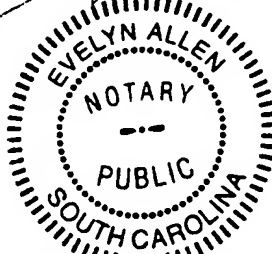
Notary Public

My Commission Expires: 2005

STATE OF South Carolina )  
 ) ss:  
COUNTY OF Greenville )

This 22nd day of May, 2002 before me personally came the above-named James Fehlberg, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

  
James Fehlberg



  
Notary Public

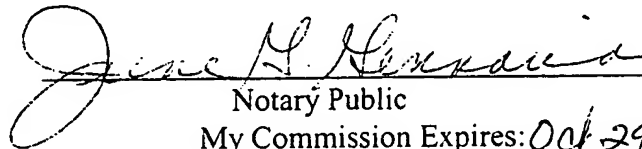
Notary Public  
My Commission Expires: 2005

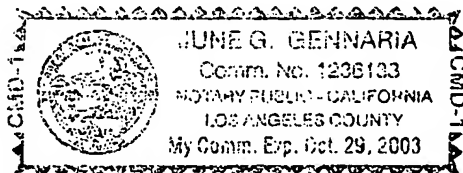
7-12, 2002  
Date

  
Arlie Russell Martin

STATE OF California)  
COUNTY OF Los Angeles) ss:

This 12 day of July, <sup>2002</sup>~~2001~~, before me personally came the above-named Arlie Russell Martin, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

  
Notary Public  
My Commission Expires: Oct 29, 2003





- 7 -

12 July 2007, 2001  
Date


Thad Morton  
Thad Morton

STATE OF S.C. )  
COUNTY OF Greenville ) ss:

This 12<sup>th</sup> day of July, 2001 before me personally came the above-named Thad Morton, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Billy D. Morton  
Notary Public  
My Commission Expires: 3-24-2009

June 13, <sup>2002</sup>  
2001  
Date

  
Todd Nemec

STATE OF New York )  
 ) ss:  
COUNTY OF Schenectady )

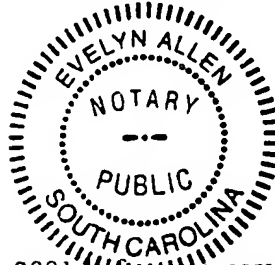
This 13 day of June, <sup>2002</sup>~~2001~~, before me personally came the above-named Todd Nemec, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

John E. Ford  
 Notary Public      Witness  
 My Commission Expires: \_\_\_\_\_

5/14/, 2002  
Date

David Pesetsky  
David Pesetsky

STATE OF South Carolina  
COUNTY OF Greenville ) ss:  
)



This 14<sup>th</sup> day of May, 2002, ~~before me~~ he personally came the above-named David Pesetsky, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Evelyn Allen  
Notary Public  
My Commission Expires: 2005

June 13, 200~~7~~<sup>2</sup>  
Date

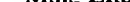
Robert Russell Priestley  
Robert Russell Priestley

STATE OF New York )  
 ) ss:  
COUNTY OF Schenectady )

This 13<sup>TH</sup> day of June, 200~~7~~<sup>2</sup>, before me personally came the above-named Robert russell Priestley, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

John E. Ford  
Notary Public Witness  
My Commission Expires: \_\_\_\_\_

6/18/2002, 2001  
Date

  
Ming Zhou

STATE OF )  
 ) ss:  
COUNTY OF )

This \_\_\_\_\_ day of \_\_\_\_\_, 2001 before me personally came the above-named Ming Zhou, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Notary Public  
My Commission Expires: \_\_\_\_\_

Witness: Thomas M. Aldrey 6/18/2002